BINGHAM
RURAL DISTRICT COUNCIL

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THE RURAL DISTRICT COUNCIL OF BINGHAM

ANNUAL REPORT

of the

MEDICAL OFFICER of HEALTH

1964

BINGHAM RURAL DISTRICT COUNCIL

* PUBLIC HEALTH COMMITTEE

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R. H. Wilkinson
W. E. Woolley

Ex officio members, Chairman and Vice-Chairman of the Council

* as at May, 1964.

PUBLIC HEALTH OFFICERS

Medical Officer of Health	Cochran Cross, M.B., Ch.B., D.P.H.
Chief Public Health Inspector and Cleansing Superintendent	T. Allwood, M.A.P.H.I., C.R.S.H.
Deputy Chief Public Health Inspector	D. A. Paterson, M.A.P.H.I., A.R.S.H
Additional Public Health Inspector	W. A. Wells, M.A.P.H.I.
Clerk	T. N. Hall
Clerk/Typist	Miss V. M. Reynolds
Clerk, Part-time	Mrs. N. R. Hitchcock
Pupil Public Health Inspector	P. W. M. Staveley
Rodent Operator	C. C. Smith

Surveyor	J. R. Clifton, A.M.I.P.H.E., M.R.S.H., Cert. S.I.A.

RURAL DISTRICT OF BINGHAM

ANNUAL REPORT of the MEDICAL OFFICER OF HEALTH
for the year 1964
with the REPORT of the CHIEF PUBLIC HEALTH INSPECTOR
and CLEANSING SUPERINTENDENT

Health Department,

Bingham.

October, 1965.

To/

The Chairman and Members of the
BINGHAM RURAL DISTRICT COUNCIL.

Mr. Chairman, Ladies and Gentlemen,

Once more I am privileged to present to you my Annual Report on the Health and Health Services of the District. This is for the year 1964 and is compiled in accordance with the instructions of the Minister of Health.

Apart from the usual annual slight variations in the numbers of Infectious Diseases the main event of the year was the Typhoid epidemic of Aberdeen which commenced in June. Although we were not directly involved, a great amount of work had to be carried out by the Public Health Inspectors who visited every shop and feeding establishment in the district to withdraw from circulation certain tins of suspected Beef. Samples of these were submitted to the Public Health Laboratory for Bacteriological examination but non-proved positive.

For the first time the population of the district has exceeded 30,000, being estimated by the Registrar General for mid-year 1964 at 30,580, as compared with the actual census figure in 1961, 25,164.

The number of infants dying in 1964 was 7 which is 3 less than in 1963. I am of the opinion that these deaths could not have been prevented.

No maternal deaths have occurred in 1964.

Tuberculosis still remains with us and continues to be notified in small numbers, there being 4 this year, while one death occurred.

With regard to Triple vaccination, i.e. against Diphtheria, Whooping Cough and Tetanus, I have to inform you that it is in full swing and is working very satisfactorily.

Poliomyelitis is being controlled almost exclusively by the active Sabin drops.

To accommodate the increased population, it has been necessary to have had quite a considerable number of new houses erected during the year - 82 by the Local Authority, 292 by the National Coal Board and 623 by private enterprise, a total of 997. During the year, the number of houses demolished totalled 15. 77 Houses were improved by aid of grant, (a) by Standard Grants 39 (b) by Discretionary Grants 38.

Finally, I should like to pay tribute once more the help and guidance that I have received from the Chairman and Members of the Council and the Staff, particularly my own, for the ready and willing assistance and interest and the County Medical Officer of Health for his assistance and advice for the information and support in relation to his services in this District.

I am, Mr. Chairman, Ladies & Gentlemen,

Your obedient servant,

Cochran Cross.

Medical Officer of Health.

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STATISTICS

Area of District	67,593 acres
Registrar General's estimate of resident population (including armed forces) mid-1964	30,580
Census population 1961	25,164
Number of inhabited houses at 1st April, 1964	8,209
Rateable value at 1st April, 1964	£818,115
Product of penny rate as estimated for 1964/1965.. ...	£3,440

VITAL STATISTICS

	Total	Male	Female
Live Births...	681	372	309
Crude Live Birth Rate	22.26 per 1,000 population		
Adjusted Live Birth Rate..	21.36 per 1,000 population		

	Total	Male	Female
Deaths	310	166	144
Crude Death Rate	10.13 per 1,000 population		
Adjusted Death Rate	9.11 per 1,000 population		

	Total	Male	Female
Deaths of Infants under 1 year of age	7	5	2
Death Rate of Infants under 1 year of age (per 1,000 live births)...	10.27		
Maternal Deaths	Nil		

Population	30,580
Births	
Live	681 (Male 372, Female 309)
Still	9 (Male 6, Female 3)
Illegitimate Births	
Live	23 (Male 13, Female 10)
Still	- (Male 0, Female 0)
Deaths of Infants	
Total Deaths under 1 year of age	7 (Male 5, Female 2)
Illegitimate Deaths under 1 year of age ...	0 (Male 0, Female 0)
Total Deaths under 4 weeks of age	5 (Male 3, Female 2)
Illegitimate Deaths under 4 weeks of age ...	0 (Male 0, Female 0)
Maternal Deaths	0

Birth Rate

Crude Live Birth Rate	22·26 per 1,000 population
Corrected Live Birth Rate	21·36 per 1,000 population
Crude Still Birth Rate	13·04 per 1,000 total births
Corrected Still Birth Rate	12·51 per 1,000 total births

Death Rate

Crude Death Rate	10·13 per 1,000 population
Corrected Death Rate	9·11 per 1,000 population
Infantile Death Rate (under 1 year of age)	10·27 per 1,000 live births
Neo-natal Death Rate (under 4 weeks of age)	7·33 per 1,000 live births
Peri-natal Death Rate (under 1 week of age plus still births)	20·28 per 1,000 total births

Comparative Figures	Bingham Rural District	England and Wales
	Rate per 1,000 population	
Live Birth Rate	21·36	19·1
	Rate per 1,000 births	
Still Birth Rate	12·51	16·0
Deaths (all causes)	9·11	13·4
	Rate per 1,000 live births	
Infantile Death Rate (all causes under 1 year of age)	9·85	20·9
Neo-Natal Death Rate	7·02	13·8
Enteritis & Diarrhoea (Rate under 2 years of age)	2·81	

Population.

The Registrar General's estimated increase in population between 1963 and 1964 was 2,860.

Birth Rate.

During 1964, 681 live births occurred in the District, 372 being male and 309 female. The adjusted live birth rate was thus 21·36 per 1,000 population, compared with 19.1 for England and Wales in the same period. For comparison, the 1963 figures were 20·60 for the Bingham Rural District and 18·2 for England and Wales, the increase in 1964 being due to an increase of 104 live births during the year.

Causes of Still Births.	No. of Cases.	
	Male	Female
Accidental haemorrhage	1	-
Anencephalic foetus Intra uterine death	1	-
Anencephalous	1	-
Foetal Asphyxia Ante-partum haemorrhage Placenta praevia	-	1
Foetal Asphyxia Ante-partum haemorrhage Placenta praevia grade III Prematurity	-	1
Accidental haemorrhage	1	-
Foetal anoxia Placental insufficiency	1	-
Severe Ante-partum haemorrhage	1	-
Possible pressure on cord Cord round head of foetus	-	1

Death Rate.

During 1964 there were 310 deaths in the District, 166 male and 144 female. The adjusted death rate was 9·11 per 1,000 population, compared with 13.4 for England and Wales. For comparison, the 1963 figures were 10·71 per 1,000 population for the Bingham Rural District and 12·2 for England and Wales.

Infantile Mortality Rate.

During the year 7 deaths of infants occurred, 5 of which were neo-natal, i.e. death within the first four weeks of life. None of these deaths, in my opinion, were likely to have been prevented.

Causes of Death	Age	No. of Cases	
		Male	Female
Prematurity Atelectasis of the lungs	1 day	-	1
Broncho-pneumonia Congenital cerebral abnormality	11 months	1	-
Post-operative broncho-pneumonia	6 days	1	-
Asphyxia Pulmonary atelectasis Breech delivery	1 hour	1	-
Atelectasis Prematurity	1 day	1	-
Atresia of transverse colon	1 week	-	1
Accidental asphyxiation due to inhalation of regurgitated food	11 months	1	-

Maternal Mortality Rate.

Again no mother has died from pregnancy, nor as a result of labour, in the Bingham District during the year.

Causes of Death.

The following list gives the causes of deaths amongst residents of the District during 1964:-

Causes of Death	Male	Female	Total
Tuberculosis	1	-	1
Syphilitic Disease	2	-	2
Cancer			
Stomach	6	4	10
Lungs and Bronchus	8	5	13
Breast	-	4	4
All other sites	13	10	23
Diabetes	1	2	3
Vascular Lesions of the Nervous System	22	20	42
Coronary Disease and Angina	23	8	31
Hypertension with Heart Disease	1	8	9
Other Heart Disease	31	36	67
Other Circulatory Disease	6	4	10
Influenza	-	2	2
Pneumonia	13	21	34
Bronchitis	8	3	11
Other Respiratory Diseases	1	2	3
Gastritis, Enteritis and Diarrhoea	2	-	2
Nephritis and Nephrosis	2	1	3
Hyperplasia of Prostate	2	-	2
Congenital Malformations	3	1	4
Other Defined and Ill-defined Diseases	9	10	19
Motor Vehicle Accidents	7	-	7
All other Accidents	2	3	5
Suicide	3	-	3
	166	144	310

The following table compares the death rates of certain diseases in the District with those of England and Wales:-

Causes of Death	Death Rates per 1,000 Population	
	Bingham Rural District	England and Wales
Tuberculosis (all forms)	0.02 (0.00)	0.05 (0.06)
Diphtheria	0.00 (0.00)	0.00 (0.00)
Whooping Cough	0.00 (0.00)	0.00 (0.00)
Cancer of the Lung and Bronchus	0.38 (0.16)	0.54 (0.52)
Influenza	0.05 (0.10)	0.02 (0.07)
Acute Poliomyelitis	0.00 (0.00)	0.00 (0.00)
Pneumonia	1.00 (0.71)	0.63 (0.78)
Coronary Disease and Angina	0.91 (1.33)	2.24 (2.29)
Other Heart Disease	1.97 (2.79)	- (-)
Bronchitis	0.32 (0.72)	- (-)
Other Respiratory Diseases	0.08 (0.03)	- (-)

The figures in brackets are those for 1963.

Notifiable Diseases.

The following is a table of notifiable diseases occurring in the District (with the figures for the previous year in brackets), giving also the case rate per 1,000 of population.

Disease	No. of Cases		Case Rate per 1,000 Population	
			1964	1963
Scarlet Fever	3	(1)	0.09	0.04
Whooping Cough	1	(7)	0.03	0.25
Diphtheria	-	(-)	0.00	0.00
Measles	182	(221)	5.95	7.97
Acute Pneumonia	-	(1)	0.00	0.04
Acute Poliomyelitis				
Paralytic	-	(-)	0.00	0.00
Non-Paralytic	-	(-)	0.00	0.00
Erysipelas	3	(1)	0.09	0.04
Food Poisoning	3	(1)	0.09	0.04
Tuberculosis				
Pulmonary	3	(7)	0.09	0.25
Non-Pulmonary	1	(-)	0.03	0.00
Sonne Dysentery	3	(4)	0.09	0.14
Puerperal Pyrexia	-	(-)	0.00	0.00
Acute Meningitis	-	(-)	0.00	0.00
Encephalitis	-	(-)	0.00	0.00
Typhoid Fever	-	(2)	0.00	0.07

Measles.

During 1964, 182 cases of Measles were notified, compared with 221 in the previous year.

Sonne Dysentery.

There were 3 cases of Sonne Dysentery during the year.

Poliomyelitis.

Once more, I am pleased to say that no cases of Poliomyelitis occurred in the District.

Diphtheria.

Again, I have pleasure in reporting a Nil return for this infectious disease during 1964.

Whooping Cough.

1 case of Whooping Cough was notified during 1964, as compared with 7 cases in 1963.

Food Poisoning.

3 cases of Food Poisoning were reported during the year.

Scarlet Fever.

3 cases of Scarlet Fever were notified during 1964.

Erysipelas.

3 cases of Erysipelas were notified during the year.

Tuberculosis.

There were 17 additions to the Register during 1964. Of these additions, 4 were fresh notifications of Tuberculosis, 3 of which were pulmonary and 1 non-pulmonary: 13 were notified cases who had come to live in the District. As regards removals from the register, 2 cases were concerned with people who had gone to live outside the District and 2 cases which had been removed, due to recovery from the disease. This I consider to be satisfactory.

Additions to the Register ..... 17 cases

Removals from the Register ..... 4 cases

The following tables give details of the age groups in new cases which have been added to the register.

Tuberculosis in 1964.

New Cases

Age Group	Respiratory		Non-Respiratory	
	M.	F.	M.	F.
0 - 4 years	-	-	-	-
5 - 14 years	-	-	-	-
15 - 24 years	-	-	-	-
25 - 34 years	-	-	1	-
35 - 44 years	-	-	-	-
45 - 54 years	-	-	-	-
55 - 60 years	1	-	-	-
Over 60 years	1	1	-	-
	2	1	1	-

Public Health (Prevention of Tuberculosis) Regulations, 1925.

No action was required under these regulations during 1964, nor under the Public Health Act, 1936, Section 172.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Laboratory Facilities.

(a) Public Health Laboratory.

The Public Health Laboratory, being the Laboratory for the Nottinghamshire Area under the Public Health Laboratory Service for the Medical Research Council, carried out the following examinations:-

Milk:	Phosphatase Test, Methylene Blue Test, Bacteriological, etc.
Ice Cream:	Methylene Blue Test, Grading, etc.
Food:	Bacteriological examination of foodstuffs.
Water:	Bacteriology of water.
Pathological:	Bacteriology and pathology of swabs, sputa, etc.

(b) City Analyst's Laboratory.

Similar examinations to the above are carried out in respect of Milk, Ice Cream and Water. The Laboratory is also able to carry out chemical analysis of food. Mr. E. R. Fogden, B.Sc., F.R.I.C., is an official analyst for the purpose of the Food and Drugs Act, 1955.

Ambulance Service.

The Nottinghamshire County Council maintain a service of ambulances and an ambulance may be obtained for necessitous cases by contacting the Nottinghamshire County Council Ambulance Control, telephone number, Nottingham 55939.

Maternity and Child Welfare Services.

These services are provided by the Nottinghamshire County Council. The following Clinics are available in the District:-

(a) Bingham Child Welfare Clinic (Church Hall).

Every Friday afternoon - 2.00 p.m. to 4.30 p.m.

A Medical Officer attends weekly.

(b) Bingham Antenatal Clinic and Post-Natal Clinic (Church Hall).

Alternate Monday afternoons - 2.00 p.m. to 4.30 p.m.

(c) Radcliffe-on-Trent Child Welfare Clinic (Methodist Chapel).

Alternate Thursday afternoons - 2.00 p.m. to 4.30 p.m.

A Medical Officer attends weekly.

(d) Radcliffe-on-Trent Ante-Natal, Post-Natal and Vaccination/Immunisation Combined Clinic (Methodist Chapel).

Alternate Monday afternoons - 2.00 p.m. to 4.30 p.m.

(e) East Bridgford Combined Child Welfare and Ante-Natal Clinic (Women's Institute).

Alternate Thursday afternoons - 2.00 p.m. to 4.30 p.m.

A Medical Officer attends at 4-weekly intervals.

(f) Cotgrave Combined Child Welfare and Ante-Natal Clinic (Parish Hall).

Alternate Thursday afternoons - 2.00 p.m. to 4.30 p.m.

A Medical Officer attends at each Clinic.

(g) Cropwell Bishop Combined Child Welfare and Ante-Natal Clinic.

Alternate Wednesday afternoons - 2.00 p.m. to 4.30 p.m.

A Medical Officer attends at 4-weekly intervals.

(h) Langar/Barnstone Combined Child Welfare and Ante-Natal Clinic (The Institute, Barnstone).

Alternate Tuesday mornings - 9.30 a.m. - 12 noon.

A Medical Officer attends at 4-weekly intervals.

(i) Hickling Combined Child Welfare and Ante-Natal Clinic (Methodist Schoolroom).

Alternate Wednesday afternoons - 2.00 p.m. to 4.30 p.m.

A Medical Officer attends at 4-weekly intervals.

(j) Plumtree Combined Child Welfare and Ante-Natal Clinic (Memorial Hall).

Alternate Tuesday afternoons - 2.00 p.m. to 4.30 p.m.

A Medical Officer attends each Clinic.

(k) Syerston Combined Child Welfare and Ante-Natal Clinic (Child Welfare Centre, Station Sick Quarters, R.A.F. Syerston).

Alternate Friday afternoons - 2.00 p.m. to 4.30 p.m.

A Medical Officer attends at 4-weekly intervals.

(l) Keyworth Combined Child Welfare and Ante-Natal Clinic (Women's Institute).

Every Wednesday for Polio Vaccination by Health Visitor.

Every Friday for Vaccination/Immunisation by Doctor.

A Medical Officer attends each Clinic.

(m) R.A.F. Newton Combined Child Welfare and Ante-Natal Clinic.

(R.A.F. Personnel).

Alternate Thursday afternoons - 2.00 p.m. to 4.30 p.m.

A Medical Officer attends at 4-weekly intervals.

Midwifery and Nursing Services.

The Nottinghamshire County Council provide a combined midwifery and nursing in the home service. The following is a list of the District Nursing Associations:

(a) East Bridgford D.N.A. The district covered comprises East Bridgford, Car Colston, Screveton, Kneeton, Shelford, Newton, Bingham and Saxondale.

Name of Nurse	Miss R. Allcock,
Address	6 Walnut Tree Lane, East Bridgford.
Telephone Number	East Bridgford 340.

(b) Barnstone, Cropwells and District D.N.A. The district covered comprises Langar-cum-Barnstone, Granby and Sutton, Wiverton, Cropwell Bishop, Cropwell Butler, Colston Bassett and Tithby.

Name of Nurse	Mrs. D. Miller,
Address	Granby.
Telephone Number	Whatton 239.

(c) Elston and Orston D.N.A. The district covered comprises Flintham, Sibthorpe, Aslockton, Orston, Elton, Thoroton, Whatton, Hawksworth, Scarrington, Flawborough, Shelton and Syerston R.A.F. Station.

Names of Nurses	Miss E. Eardley and Miss M. D. Gaydon,
Address	The Orchard, Church Lane, Whatton.
Telephone Number	Whatton 371.

(d) Hickling D.N.A. The district covered comprises Hickling, Kinoulton, Upper Broughton, Owthorpe and Widmerpool.

Name of Nurse	Miss A. Matthews,
Address	The Bungalow, Kinoulton.
Telephone Number	Kinoulton 264.

(e) Plumtree D.N.A. The district covered comprises Plumtree, Keyworth, Normanton-on-the-Wolds, Stanton-on-the-Wolds, Clipstone-on-the-Wolds and Tollerton.

Names of Nurses and Addresses	Miss M. Stubbington, Birchwood, Melton Road, Tollerton. Telephone No. Plumtree 2131.
	Mrs. D. M. Murray, 62 Wilford Road, Ruddington. Telephone No. Nottingham 212765.

(f) Radcliffe-on-Trent D.N.A. The district covered comprises Radcliffe-on-Trent, Holme Pierrepont, Bassingfield, Cotgrave and Stragglethorpe.

Names of Nurses and Addresses	Mrs. A. Lynd, 12 Butler Avenue, Shelford Road, Radcliffe-on-Trent. Telephone No. Radcliffe 2418.
	Mrs. M. Copland, 17 Newstead Avenue, Radcliffe-on-Trent. Telephone No. Radcliffe 2958.
	Mrs. A. E. E. McGraa, 10 Wakefield Avenue, Radcliffe-on-Trent. Telephone No. Radcliffe 2028.

The Gamston and Adbolton Area is covered by the West Bridgford District Nursing Association.

Care of Premature Babies.

The care of premature babies is undertaken by the Nottinghamshire County Council. The Paediatric Consultant, Dr. Blandy, is available for consultation in the case of these babies, his services having been made possible on a part-time basis by the Sheffield Regional Hospital Board.

Paediatric Consultations.

The services of Dr. Blandy, referred to in the previous paragraph, are available for all children up to school leaving age. A weekly Clinic is arranged by the County Council and cases are referred to it on the recommendation of the County Medical Officer.

Ophthalmic Consultations.

The services of a Consultant Ophthalmologist are made available to all children up to school leaving age. Appointments are made after reference to the County Medical Officer. The services of the Consultant are provided on a part-time basis by the Sheffield Regional Hospital Board.

Dental Services.

The County Council are responsible for providing a Dental Service for children up to school leaving age and for ante-natal cases and nursing mothers. Appointments can be made by the County Medical Officer, after reference from the various Clinics, etc.

Care of Unmarried Mothers, etc.

This work is supervised and administered by the Nottinghamshire County Council who have an Almoner service for this purpose.

School Health Service.

This service is provided by the Nottinghamshire County Council.

Vaccination and Immunisation Service.

(a) Vaccination Service.

This service is administered by the Bingham Medical Officer of Health on an agency basis for the Local Health Authority. The following figures represent the year's work, including the cases dealt with by the General Practitioner Service:-

	Under 1 year	1 year old	2 - 4 years	5 - 14 years	15 years and over	Totals
Primary Vaccination	46 (91)	199 (93)	20 (8)	5 (3)	1 (-)	271 (195)
Re-vaccination	- (-)	- (-)	- (1)	- (2)	- (-)	- (3)

The figures in brackets are those for 1963.

(b) Diphtheria Immunisation Service.

This service is again run on an agency basis for the Local Health Authority. The following figures represent the total number of children protected against Diphtheria in the District during the year, with 1963 figures for the same age groups in brackets.

Born in year	1964	1963	1962	1961	1960	1955-59	1950-54	Total
Primary Course	208(-)	365(114)	80(223)	12(48)	1(3)	8 (11)	4 (-)	678(399
Re-inforcing Injection	-(-)	112(-)	200(-)	7(8)	7(1)	322 (10)	1 (5)	649(343

(c) Whooping Cough Immunisation.

The following figures represent the total number of children protected against Whooping Cough during the year 1964:-

Born in year	1964	1963	1962	1961	1960	1955-59	1950-54	Total
Primary Course	208	363	78	11	2	8	-	670
Re-inforcing Injection	-	106	199	7	2	165	1	480

(d) Tetanus Immunisation.

The following figures represent the total number of children protected against Tetanus during the year 1964:-

Born in year	1964	1963	1962	1961	1960	1955-59	1950-54	Total
Primary Course	-	106	199	7	2	165	1	480
Re-inforcing Injection	-	109	204	7	6	219	1	546

The Triple Antigen has now been in use for three years, i.e. the combined prophylactic against Diphtheria, Whooping Cough and Tetanus. I have been aware of no upset to the children as a result, and the whole scheme still continues to work very well indeed.

(e) Poliomyelitis Vaccination.

The use of the passive Salk vaccine has been reduced considerably in favour of the active Sabin oral drops. The following table shows the number of children and adults who were given protection against Poliomyelitis during 1964, including those dealt with by General Practitioners.

	Number of persons who have completed Primary Dose	
	Salk Vaccine	Oral Vaccine
Children born in 1964	2	70
Children born in 1963	22	405
Children born in 1962	16	108
Children born in 1961	1	31
Children and Young Persons born in years 1943 - 1960	1	58
Young Persons born in 1933 - 1942	-	13
Others	1	15
Totals	43	700

/Continued.

(e) Poliomyelitis Vaccination (Continued).

Number of persons given third injection of Salk Vaccine 9
Number of persons given fourth injection of Salk Vaccine 12
Number of persons given a reinforcing dose of Oral Vaccine after

(a) 2 doses of Salk Vaccine 51

(b) 3 doses of Salk or 3 Oral or 2 doses of Salk Plus 2 Oral 311

(f) B.C.G. Vaccination.

This vaccination was offered to all pupils of the three Secondary Schools in the District and the following were the relevant figures:-

No. of children offered vaccination during 1964	.....	Unknown	
No. of children whose parents accepted	.....	163	(524)
No. of children skin tested	.....	147	(487)
No. of children positive to skin test	.....	45	(84)
No. of children negative to skin test	.....	94	(376)
No. of children vaccinated	.....	94	(253)

All cases found strongly positive to the skin test were X-rayed and re-X-rayed after 3 months and two more X-rays are given at yearly intervals.

The figures in brackets are those for 1963.

Home Help Service.

The Local Health Authority provide a home help service and assistance can be obtained for necessitous cases on request to the County Medical Officer. The service covers the following types of cases:-

(1) Maternity cases.
(2) Mothers of young children when requested by a Medical Practitioner.
(3) The aged and infirm.
(4) Cases of illness when no other help is available.

No nursing attention can be given, as this is not the duty of the service.

The cost of a whole-time help for a full 42 hour week may be considerable to the home, but it is considered by the Authority and part, or the whole, may be remitted in necessitous cases.

The value of this service is very great to the community and leads to a very considerable saving in hospital beds, etc., and thereby a very great saving financially to the community.

National Assistance Act, 1948, Section 47: National Assistance Amendment Act, 1951, Section 1.

No action was taken under these sections of the Acts during the year under review.

The Welfare Officers for these purposes are:-

The Social Welfare Officer:-

Mr. K. H. Parsons,
9 Musters Road,
West Bridgford. Telephone No. Nottingham 82131.

Mental Health Officers:-

(for the parishes of Aslockton, Bingham, Car Colston, East Bridgford, Elton, Flawborough, Flintham, Hawksworth, Kneeton, Orston, Scarrington, Screveton, Shelton, Sibthorpe, Thoroton, Whatton),

Mr. G. V. Thorpe,
Main Office,
34 Northgate,
Newark. Telephone No. Newark 2132.

Call Office:

Burgage House,
King Street,
Southwell. Telephone No. Southwell 3110.

(for the Parishes of Upper Broughton, Clipstone, Colston Bassett, Cotgrave, Cropwell Bishop, Cropwell Butler, Gamston, Granby, Hickling, Holme Pierrepont, Keyworth, Kinoulton, Langar, Normanton, Owthorpe, Plumtree, Radcliffe-on-Trent, Saxondale, Shelford, Stanton-on-the-Wolds, Tithby, Tollerton, Widmerpool, Wiverton),

Mr. H. Andrew,
Main Office,
New Crown Buildings,
Statien Road,
Beeston.

Telephone No.
Nottingham 25-4014.

Call Office:

9 Musters Road,
West Bridgford.

Office hours:

Main Office (9.0 a.m. - 10.0 a.m. and 4.30 p.m. - 5.30 p.m.), Monday - Friday (6.0 p.m. Mondays).

Call Office 11.0 a.m. - 12 Noon, Monday, Wednesday and Friday.

Mr. Chairman, Ladies & Gentlemen,

I have much pleasure in presenting this report for inclusion in the Annual Report of the Medical Officer of Health, for the year 1964.

The clearance of sub-standard properties covered Bingham village and progressed to Cropwell Butler, there were some 39 houses involved in Bingham and 35 in Cropwell Butler. The next large village of Cropwell Bishop will see the end of 500 sub-standard properties.

The typhoid epidemic in Aberdeen, attributed to infected beef from the Argentine, brought a considerable amount of extra work in checking tins of beef in all Grocers' shops, canteens and feeding establishments, a number of suspected tins were submitted to the Public Health Laboratory for Bacteriological examination, which proved negative. However, all suspicious tins and tins with the appropriate code number were withdrawn from sale.

Refuse collection and disposal occupied many hours checking and re-checking time spent on rounds, during the absence and finally retirement of the Foreman. Overtime was reduced and Saturday morning working was cut to a minimum. However, the call for a weekly collection of refuse was sounded loudly, especially from the larger urbanised parishes. This, as far as the department is concerned, would be a good health measure.
A fortnightly collection encourages the breeding of flies and other vermin - all potential disease carriers.

I wish to express my appreciation to the Chairman and Members of the Public Health Committee for their active interest and support, to all officials of the Council and especially to members of the Health Department, for their ready help and co-operation at all times,

I have the honour to be, Mr. Chairman, Ladies & Gentlemen,

Your obedient servant,

S. Allwood.

Chief Public Health Inspector.

FACTORIES ACT, 1961.

The number of inspections carried out during the year of work places and Factories are as follows:-

Factories with power	.....	53
Factories without power (including workplaces)	.....	3
Outworkers' premises	.....	26

HEALTH PROVISIONS.

1. Inspections.

Premises	Number on Register	Number of	
		Inspections	Notices
(i) Factories to which Sections 1,2,3,4 and 6 are to be enforced by the Local Authority	3		
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	53	35	
(iii) Other premises in which Section 7 is enforced by the Local Authority, excluding Outworkers' premises	95	70	
Total	151	105	

2. Cases in which DEFECTS were found.

Particulars	Number of cases in which defects were found			
	Found	Remedied	To H.M. Inspector	Referred by H.M. Inspector
Want of cleanliness	5	5		
Overcrowding				
Unreasonable Temperature				
Ineffective drainage of floors				
Sanitary Conveniences:-				
(a) Insufficient				
(b) Unsuitable or defective	2	2		2
(c) Not separate for sexes				
Other offences against the Act (not including offences relating to outwork).				
Total	7	7		2

3. OUTWORK - Part VIII of the Act.

Nature of work	Number of outworkers in August List required by Section 110 (1)(0)(3)
Wearing Apparel (making, cleaning and washing)	23
Lace, Lace Curtains and nets	3
Total	26

Inspection of Meat and Other Foods.

Details of Slaughtering which has taken place during the year 1964 are appended.

Carcases and Offal inspected and condemned in whole or in part.

	Cattle (excluding Cows)	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number Killed (if known)	457	-	-	1,726	919	-
Number Inspected	457	-	-	1,726	919	-
All diseases except Tuberculosis and Cysticerci:- Whole Carcases condemned	-	-	-	1	2	-
Carcases in which some part or organ was condemned	34	-	-	1	11	-
Percentage of the number inspected affected with disease other than Tuberculosis and Cysticerci	7.43	-	-	.05	1.19	-
Tuberculosis only:- Whole Carcases condemned	-	-	-	-	-	-
Carcases of which some part or organ was condemned	-	-	-	-	-	-
Percentage of the number inspected affected with Tuberculosis	-	-	-	-	-	-
Cysticecosis:- Carcases to which some part or organ was condemned	-	-	-	-	-	-
Carcases submitted to treatment by refrigeration	-	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-

Meat Inspection.

Meat Condemned during year 1964.

Carcases and Organs.

Tuberculosis in Organs.	Cattle	Sheep	Pigs	
Heads and Tongues	-	-	-	
Distamatosis	2			26 lbs.
Other diseases.				
Traumatic Perecarditis	1			80 lbs.
Abcesses	7		1	233 lbs.
Fascioliasis	23			310 lbs.
Corrynbacterium			4	56 lbs.
Ascaris Lumbricoides			2	10 lbs.
Pregnancy Toxaemia		1		140 lbs.
Perecarditis	1			4 lbs.
Mechanical Injury		1		12 lbs.
Tumour	1			15 lbs.
Milk Spot			3	12 lbs.
Pneumonia			2	4 lbs.
Septicaemia			1	280 lbs.

Slaughterhouses.

The following Slaughterhouses were issued with licences in the district:-

1. W. F. Payling & Son, Main Street, Aslockton.
2. F. Bailey & Son, Station Road, Upper Broughton.
3. Harold Barlow, 11 Nottingham Road, Cropwell Bishop.
4. Arthur B. Beaumont, 3 Bingham Road, Cotgrave.
5. A. C. Brumpton, 5 Plumtree Road, Cotgrave.

Slaughterhouses Act, 1958.

The Slaughterhouses within the district continued to maintain the hygienic conditions laid down by the Act.

Meat Inspection.

No. of Slaughterhouses licensed at the end of the year	.....	5
No. of licences revoked during the year	.....	Nil
No. of inspections of Slaughterhouses	.....	173
No. of defects or unsatisfactory conditions observed	.....	47

Ice Cream.

No. of premises registered for the sale and storage of Ice Cream..		52
No. of premises registered for the sale, manufacture and storage of Ice Cream	.....	Nil
No. of registered refused	.....	Nil
No. of samples taken:-		
Grade 1	.....	Nil
Grade 2	.....	Nil
Grade 3	.....	Nil
Grade 4	.....	Nil

Water Supply.

Mains water supply is by the Nottingham Corporation and one village by the Leicester Corporation.

Satisfactory state of the Water Supply in the Area.

(a) in quality	Mains Supply - yes	Well Supply - No
(b) in quantity	Mains Supply - yes	Well Supply - No

Bacteriological Examinations.

No. of Samples taken	.....	3
Satisfactory	.....	1
Unsatisfactory	.....	2

Chemical Analysis.

No. of Samples taken	.....	Nil
Satisfactory	.....	Nil
Unsatisfactory	.....	Nil

Unsatisfactory Bacteriological Samples of Water.

1 property was connected to the mains supply, 1 property at Cropwell Butler was demolished and no longer required water.

Only 3 deliveries weekly are now made by the Council's water cart in the following villages:-

Elton (2)

Hickling (1)

FOOD AND DRUGS ACT, 1955.

The following particulars have been submitted by Mr. T. L. E. Gregory, the Chief Inspector of Weights and Measures and Food and Drugs Department, of the Nottinghamshire County Council, of samples of food taken from this District during the year:-

Articles	Number of Samples		
	Obtained	Genuine	Adulterated or Sub-Standard
Almonds, French	1	1	-
Apples	1	1	-
Blackcurrants in heavy syrup	1	1	-
Biscuits	2	2	-
Brandy	2	2	-
Breakfast cereal	1	1	-
Butter	1	1	-
Cake mixture	1	1	-
Cornish pasties	1	1	-
Crab spread	1	1	-
Cream sandwich	1	1	-
Curried beans with sultanas	1	1	-
Dairy cream	1	1	-
Diabetic strawberry preserve	1	1	-
Dripping, pork	1	1	-
Fruit salad in heavy syrup	1	1	-
Fungicidal cream	1	1	-
Ginger pudding	1	1	-
Halibut oil capsules	1	1	-
Ice cream	1	1	-
Instant Coffee	1	1	-
Jam	1	1	-
Lard	1	1	-
Macaroni	1	1	-
Margarine	1	1	-
* Milk	49	47	2
Milk, condensed	1	1	-
Minced beef loaf	1	1	-
Totals (Carried forward) ...	78	76	2

* Slightly deficient in Milk fat - Due to natural causes.
Subsequent samples satisfactory

FOOD AND DRUGS ACT, 1955. (Cont'd.)

	Number of Samples		
	Obtained	Genuine	Adulterated or Sub-Standard
Totals (Brought forward) ...	78	76	2
Peas, garden	1	1	-
Pickle, homemade	1	1	-
Pork pie	1	1	-
* Potted beef	2	-	2
Sage & onion Stuffing	1	1	-
Sardines in tomato sauce	1	1	-
Sauce, creamed horseradish	1	1	-
Sausage, beef	1	1	-
Sausage, pork	2	2	-
Sausage rolls	1	1	-
Shandy	2	2	-
Soup	2	2	-
Sponge mixture	1	1	-
Steak	1	1	-
Steak and Kidney pies	1	1	-
Steamed pudding mix	1	1	-
Sweets	1	1	-
Sultanas	1	1	-
Table jelly	1	1	-
Tomatoes	1	1	-
Tripe	1	1	-
Vinegar, malt	1	1	-
Whisky	4	4	-

Miscellaneous Food and Drugs Investigations.

1. Bottle of milk contained earthworm. Bottlers cautioned.

* Potted beef. 1. Informal sample. Deficient in meat and contained excess water.
2. Formal sample. Deficient in meat and contained excess water.
Should have been described as "Potted Beef Paste". Manufacturer cautione

Totals	108	104	4

THE MILK (Special Designations) (Pasteurised and Sterilised) REGULATIONS.

		Pasteurised	Sterilised
Samples obtained and submitted to prescribed tests	.....	64	2
Samples unsatisfactory	.....	-	-

Bacteriological Examination of Milk Bottles.

Examined	.....	42
Satisfactory	.....	42
Unsatisfactory	.....	-

HOUSING.

1. Inspection of dwelling houses during the year:-

(a)	Total number of dwelling houses inspected for housing defects (under Public Health and Housing Acts)	567
(b)	Number of inspections made for the purpose	687
(c)	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil
(d)	Number of dwelling houses (exclusive of those referred to under previous sub-heading) found not to be in all respects reasonably fit for human habitation	28

2. Remedy of the defects during the year without the service of a formal notice:-

Number of defective dwelling houses repaired in consequence of informal action by the Local Authority or their Officers 35

3. Action under statutory powers during the year:-

(a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1957.

(1)	Number of dwelling houses in respect of which Notices were served requiring repairs	Nil
(2)	Number of dwelling houses which were rendered fit after service of a formal notice	Nil

(b) Proceedings under Public Health Act.

(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	7
(2)	Number of dwelling houses in which defects were remedied after service of informal notices	
	(a) by owners or occupiers	7
	(b) by Local Authority	Nil

(c) Proceedings under Sections 17 & 19 of the Housing Act.

(1)	Number of dwelling houses in respect of which demolition orders were made	5
(2)	Number of dwelling houses demolished in pursuance of demolition orders	Nil
(3)	Informal action	Nil

(d) Proceedings under Section 18 of the Housing Act, 1957.

(1)	Number of separate tenements or underground rooms in respect of which closing orders were made	Nil
(2)	Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenement or room having been made fit	Nil

CONVERSIONS.

Eight water closet conversions were completed during the year.

RENT ACT, 1957.

Period covered by return - 1st January 1964 to 31st December 1964.

Part I - Applications for certificates of disrepair.

1.	Number of applications for certificates	Nil
2.	Number of decisions not to issue certificates	Nil
3.	Number of decisions to issue certificates	
	(a) in respect of some, but not all defects	Nil
	(b) in respect of all defects	Nil
4.	Number of undertakings given by landlords under para 5 of the first schedule	Nil
5.	Number of undertakings refused by Local Authority provided by para 5 of the First Schedule	Nil
6.	Number of certificates issued	Nil

Part II - Application for cancellation of Certificates.

7.	Applications by landlords to Local Authority for cancellation of certificates	Nil
8.	Objections by tenants to cancel certificates	Nil
9.	Decisions by Local Authority to cancel in spite of tenants' objections	Nil
10.	Certificates cancelled by Local Authority	Nil

Caravan Sites and Control of Development Act, 1960.

The Binghamsfield Caravan Site is still being run down. Additional land has been acquired, and plans allowing for individual toilets, storage accommodation, new drainage, water and electricity are almost complete. It is hoped that the project will be put to tender in 1965.

Number of Site Licences within the Bingham Rural District	9
Number of Caravans - Permanent - within the Bingham Rural District	166
Number of Caravans - Seasonal - within the Bingham Rural District	25

Public Cleansing.

Refuse Collection.		1963	1964
Number of Bins emptied	.....	407,283	443,479
Number of loads of refuse	.....	2,380	2,619
Mileage	.....	56,756	58,717
Number of Bins per week	.....	7,684	8,528

Pan and Cesspool Emptying.
Work done during the year, 1964:-

2 Vehicles.			
Number of Pans emptied	.....	46,982	41,974
Number of Cesspools emptied	.....	1,087	849
Number of loads from cesspools	.....	1,906	1,488
Number of Pans per week	.....	903	807

Waste Paper.

The amounts sold are as follows:-

	Tons	Cwts	Qrs	lbs	£	s	d
Fibreboard	90	18	1	0	869	13	1
Newspapers	145	19	0	0	1,229	16	1
Mixed Paper	121	7	3	0	950	5	5
	358	5	0	0	3,049	14	7
Metals	-	16	3	0	4	3	9
Textiles	7	18	1	0	152	11	6
	367	0	0	0	3,206	9	10

RATS AND MICE DESTRUCTION ACT, 1949.

The scheme for the destruction of rats and mice is carried out under the provisions of the Prevention of Damage by Pests Act, 1949.

Details of treatments carried out by the Council's Rodent Operator during the year, 1964, are as follows:-

	Type of Property Non-Agricultural				
	Local Authority	Dwelling Houses, inc. Council Houses	All other, inc. Business Premises	Total	Agric.
Number of properties in Local Authority's District	12	7,444	935	8,391	751
Total number of properties inspected as a result of notification	-	124	9	133	6
Number of such properties found to be infested by:-					
Common Rat Major	-	-	-	-	-
Common Rat Minor	-	93	9	102	6
House Mouse Major	-	-	-	-	-
House Mouse Minor	-	31	-	31	-
Total number of properties inspected in the course of survey under the Act	12	1,636	145	1,793	147
Number of such properties found to be infested by:-					
Common Rat Major	-	-	-	-	-
Common Rat Minor	12	283	23	318	10
Total number of properties otherwise inspected	-	600	100	700	90
Totalinspections carried out, including re-inspections	239	6,014	358	6,611	350
Number of infested properties treated by Local Authority	12	438	32	482	16
Total treatments carried out, including re-treatments	12	438	32	482	16
Number of "Block" control schemes carried out	-	8	-	-	-